

# Knobbe Martens Olson & Bear LLP

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*Eric M. Nelson*

November 26, 2008

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Title: EMBEDDED MULTIPLE DESCRIPTION SCALAR QUANTIZERS  
FOR PROGRESSIVE IMAGE TRANSMISSION  
Letters Patent No. 7,356,085  
Issued: April 8, 2008  
Our Reference: IMEC328.001AUS

Dear Sir:

Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

As the errors cited in the Certificate of Correction were incurred through the fault of the Applicant, enclosed is our check in the amount of \$100. Please charge any additional fees to our Deposit Account No. 11-1410.

Respectfully submitted,

Knobbe, Martens, Olson & Bear, LLP



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Enclosures

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Orange County  
949-760-0404

San Francisco  
415-954-4114

Los Angeles  
310-551-3450

Riverside  
951-781-9231

Seattle  
206-405-2000

Washington, DC  
202-640-6400

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

**PATENT NO.** : 7,356,085  
**APPLICATION NO.** : 10/813,811  
**ISSUE DATE** : April 8, 2008  
**INVENTOR(S)** : Gavrilescu et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At sheet 11 or 13 (Fig. 14), line 1, delete "Noice" and insert - - Noise - -, therefor.

At column 1, line 13, after "signals" insert - - . - -.

At column 1, line 49, delete "CATf" and insert - - CATf. - -, therefor.

At column 2, line 4, delete "CATf" and insert - - CATf. - -, therefor.

At column 2, line 12, delete "CATf" and insert - - CATf. - -, therefor.

At column 2, line 19, delete "nez30" and insert - - nez+ - -, therefor.

At column 2, line 29, delete " $Q_C^1(x)$ " and insert - -  $Q_S^1(x)$  - -, therefor.

At column 2, line 31, delete " $(q_k^1)$ ," and insert - -  $(q_k^1)$  - -, therefor.

At column 3, line 6, delete " $k_{p-}$ ," and insert - -  $k_{p-1}$ , - -, therefor.

At column 8, line 3, delete " $N^q$ " and insert - -  $N_q$  - -, therefor.

At column 9, line 11, delete "channel a." and insert - - channel  $\approx$ . - -, therefor.

At column 9, line 65, delete " $Q_{S1,1}$ " and insert - -  $Q_S^{1,1}$ , - -, therefor.

At column 10, line 22, delete " $S^{0,02,0}$ " and insert - -  $S_{0,0}^{2,0}$  - -, therefor.

At column 11, line 7, after " $a \leq x \leq b$ " insert - - . - -.

At column 11, line 9, delete " $y_{k-\Delta/2}$ ;" and insert - -  $y_{k-\Delta/2}$ ; - -, therefor.

At column 11, line 56, delete " $B^{Inf,m,p}$ " and insert - -  $B_{Inf}^{m,p}$  - -, therefor.

At column 12, line 27, delete " $R_0$ ," and insert - -  $R_0$  - -, therefor.

At column 13, line 42, delete " $v \pm (1,1)$ " and insert - -  $v \neq (1,1)$  - -, therefor.

At column 14, line 56, delete " $m1 \leq m \leq 2$ " and insert - -  $m, 1 \leq m \leq 2$  - -, therefor.

At column 14, line 64, delete " $T = \lceil \log_2(w_{max}/3) \rceil + 1$ ," and insert - -  $T = 2^{\lceil \log_2(w_{max}/3) \rceil + 1}$  - -, therefor.

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At column 14, line 67, delete “(w<sub>max</sub>/3)” and insert -- (w<sub>max</sub>/3) --, therefor.

At column 15, line 9, delete “x≤1.” and insert -- x≥1. --, therefor.

At column 15, line 12, delete “(x∈[0,24]).” and insert -- (x∈[0,24]). --, therefor.

At column 15, line 55, after “(P-x)” insert -- . . . .

At column 17, line 32, delete “1≤r≤3N,” and insert -- 1≤r≤3N, --, therefor.

At column 17, line 54, delete “Δ<sub>C</sub>Δ□<sub>+</sub>” and insert -- Δ<sub>C</sub>□<sub>+</sub> --, therefor.

At column 18, line 3, delete “Δ<sup>(K+1)</sup>” and insert -- Δ<sup>(K+1)</sup> --, therefor.

At column 18, line 3, delete “Δ<sup>(K+1)</sup>” and insert -- Δ<sup>(K+1)</sup> --, therefor.

At column 18, line 4, delete “Δ<sup>(K+1)</sup>” and insert -- Δ<sup>(K+1)</sup> --, therefor.

At column 18, line 20, delete “A<sub>r</sub>,” and insert -- A<sub>r</sub> --, therefor.

At column 18, line 28 (approx.), delete “~~B<sub>L<sub>K</sub>L<sub>K</sub></sub>~~” and insert -- ~~B<sub>L<sub>K</sub>L<sub>K</sub></sub>~~ --, therefor.

At column 18, line 35, after “L<sub>K-1</sub>” insert -- . . . .

At column 18, line 41, delete “±” and insert -- ≠ --, therefor.

At column 18, line 42, delete “±” and insert -- ≠ --, therefor.

At column 18, line 44, delete “L<sub>q+</sub>,” and insert -- L<sub>q+1</sub>, --, therefor.

At column 18, line 54, delete “1≤i, j i≤L<sub>0</sub>” and insert -- 1≤i, j≤L<sub>0</sub> --, therefor.

At column 18, line 58, delete “A<sub>C</sub><sup>(q)</sup>” and insert -- Δ<sub>C</sub><sup>(q)</sup> --, therefor.

At column 18, line 60, delete “±” and insert -- ≠ --, therefor.

At column 18, line 66, delete “the” and insert -- 1≤i, j≤L<sub>q</sub>, the --, therefor.

At column 19, line 3, delete “Π<sub>k=0</sub><sup>q-1</sup>,” and insert -- Π<sub>k=0</sub><sup>q-1</sup>N<sub>k</sub>, --, therefor.

At column 19, line 6, delete “3·2<sup>P-1</sup>” and insert -- 3·2<sup>P</sup>·Π --, therefor.

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At column 19, line 13, delete " $q-1(q)$ " and insert - -  $q-1-l(q)$  - -, therefor.

At column 19, line 24 (approx.) delete "D<sub>o</sub>for" and insert - - D<sub>o</sub> for - -, therefor.

At column 19, line 33, delete "(2·2" and insert - - (3·2 - -, therefor.

At column 19, line 35, before "K" insert - - ≤ - -.

At column 19, line 36, delete " $\rho_q = 2 \log_2$ " and insert - -  $\rho_q = 2 \cdot \log_2$  - -, therefor.

At column 19, line 44, delete " $\rho_q = 2 \log_2$ " and insert - -  $\rho_q = 2 \cdot \log_2$  - -, therefor.

At column 19, line 61, delete "q,0q≤q≤K," and insert - - q,0≤q≤K, - -, therefor.

At column 21, line 54, delete "each" and insert - - Each - -, therefor.

At column 23, line 5, in Claim 2, delete "quantizationintervals" and insert - - quantization intervals - -, therefor.

At column 23, line 47, in Claim 14, delete "pans" and insert - - parts - -, therefor.

At column 23, line 63, in Claim 15, delete "andsecond" and insert - - and second - -, therefor.

At column 24, line 44, in Claim 21, delete "transmifted" and insert - - transmitted - -, therefor.

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